

Quest Q-200 Noise Dosimeter

The Q-200 dosimeters are to be set as follows:²

Turn the dosimeter on by pressing the **MENU ON/OFF** button. The display will indicate that a brief warm up is taking place. If "LOBAT" is in display, put fresh battery in unit. When "rES5" is in display, press and hold the **ENTER** key for the 5 second countdown until "On" is shown in the display. This erases all previously stored data from memory and is necessary before accessing the setup menu.

The Q-200 can operate as three separate dosimeters and store three different sets of measurement parameters. The dosimeter that is running is shown on the bottom center of the display by the Roman numeral I, II, or III. You can toggle between the different dosimeters by pressing the **DOSE** button. Only dosimeters I and II will show in the display after all three dosimeters have been set per the following instructions.

Press the **DOSE** key to show dosimeter "I" in the display. Enter the setup menu by pressing the ▲ or ▼ key to get to the CAL display. From the CAL display, use the ▲ or ▼ key to move around the various measurement parameters listed below. Once you have selected a particular parameter, press **ENTER** and the "SET" indicator will show on the top left corner of the display. By again pressing the ▲ or ▼ key, you can now select the appropriate value for the parameter as shown on the list below. Press **ENTER** again to store the value; the "SET" indicator will turn off.

Following the above procedure, select and set the specified values for each of the parameters listed below. After all of the values are set for dosimeter I, press the **DOSE** key to choose dosimeter II and select/set the specified values for dosimeter II. Once all of the values listed below have been set for both dosimeters, you can exit the setup menu by pressing and releasing the **MENU ON/OFF** key.

² Your dosimeter as shipped from the manufacturer may already be set to these settings. If you are unfamiliar with the operation of the dosimeter, refer to the manufacturer's instructions for additional guidance.

MEASUREMENT PARAMETER	VALUE		
	DOSIMETER I	DOSIMETER II	DOSIMETER III
CALIBRATION	114	114	114
RANGE	HI	HI	HI
UL (Upper Limit Level)	117	117	117
CL (Criterion Level)	90	90	90
ER (Exchange Rate)	5	5	5
TL (Lower Threshold Level)	80	90	90
FAST/SLOW (Response Time)	SLOW	SLOW	SLOW
A/C (Frequency Weighting)	A	A	A

Please note that the RANGE and A/C values can only be set to the same value for all three dosimeters.

When reading out the dosimeter after collecting a sample, the **DOSE** readout for dosimeter I will be the 80 dBA threshold dose, and the **DOSE** readout for dosimeter II will be the 90 dBA threshold dose. Make sure you specify in your notes which reading is the 80 dBA threshold dose and which is the 90 dBA threshold dose.

Note: The 80 dBA threshold dose should never be less than the 90 dBA threshold dose.